

**LABORATORY FOR ENERGY-RELATED HEALTH RESEARCH (LEHR)
QUARTERLY REPORT FOR THE PERIOD
October 1, 2001 - December 31, 2001**

PART I, Cooperative Agreement Administration

Task 1:

The objective of this task is to ensure timely submittal and award of the LEHR Cooperative Agreement (CA) Application and Amendments by coordinating, negotiating, preparing and tracking federal funding.

Activity:

The original LEHR CA was awarded and accepted by the Department of Toxic Substances Control (DTSC) on March 26, 1996 for the period of January 1, 1996 through December 31, 1996. The Department of Energy (DOE) extended the dates of the budget and project year from January 1, 1996 through December 31, 1996 to January 1, 1996 through June 30, 1997. Then, the budget period was extended from July 1, 1997 through December 31, 1997, and the agreement was signed by DTSC on May 15, 1997. On December 3, 1997, DTSC signed the budget agreement extending the budget for the period from January 1, 1998 through December 31, 1998. The budget period was again extended from January 1, 1998 through December 31, 1999. Most recently, the project period has been extended from January 1, 2000 through December 31, 2002. The federal funding is being tracked on an on-going monthly basis.

Task 2:

The objective of this task is to account for and comply with Department of Energy (DOE) and U.S. E.P.A. (United States Environmental Protection Agency) regulations and special conditions. DTSC complies by managing and monitoring the LEHR CA and amendments, as well as reviewing fiscal reports and drawdowns, responding to administrative requests from the DOE Project Manager, and responding to DTSC staff questions concerning activities funded by LEHR CA.

Activity:

- A. DTSC is managing and monitoring the LEHR CA and amendments, including review of fiscal reports and drawdowns on a monthly basis. DTSC also responds to administrative requests from the DOE Project Manager and answers questions concerning LEHR CA funded activities posed by DTSC staff.

Task 3:

The objective of this task is to coordinate documentation and preparation of the LEHR Quarterly Progress Reports on a timely and accurate basis.

Activity:

This is the LEHR Quarterly Progress Report, documenting the period from October 1, 2001 through December 31, 2001.

PART II, CERCLA Remedial Investigation/Feasibility Studies, Regulatory Oversight/Compliance Auditing**Task 1:**

The objective of this task is to review, manage, monitor, document and provide overall guidance during the Remedial Investigation (RI) process. Staff will attend monthly project management meetings and will provide guidance in regards to data needs, likely remedial alternatives, Applicable or Relevant and Appropriate Requirements, plus overall planning. Guidance will be provided in writing when appropriate.

This RI process is proceeding in a phased approach and defines additional management or procedural accomplishments and requirements to be completed.

Activities:

- A. DTSC staff reviewed the Overburden Soil Data Report for the material stockpiled from the southwest trenches removal action for purposes of evaluating potential use as fill material. Completed letter regarding results of this review on October 15, 2001.
- B. DTSC staff participated in the Department of Energy Site Technology Coordination meeting on October 2, 2001.
- C. DTSC staff reviewed the Final Ra/Sr Treatment System Area Removal Action Confirmation Report completed for October-November 2001. We provided comments on this report on November 19, 2001.
- D. DTSC staff reviewed the Soil Vapor Extraction Letter report. It was discussed internally and by teleconference with both agencies on November 9, 2001.
- E. DTSC staff reviewed documents related to the Density Driven Convection well system. Staff also participated in a meeting at UC Davis on December 11, 2001 regarding expanding this system.
- F. DTSC staff reviewed the Quarterly Groundwater Monitoring Report for the spring Quarter 2001.

- G. DTSC staff reviewed UC Davis' responses to DTSC comments on the Draft Waste Burial Holes Characterization Report. Staff provided additional comments regarding same on December 28, 2001.
- H. DTSC staff participated in teleconference calls on November 6 and December 18, 2001 with RPMs, Department of Energy, and UC Davis to discuss site status.

Task 2:

The objective of this task is to oversee and guarantee that the cleanup alternatives and goals meet the State, federal, and health and safety guidelines in the protection of the public and the environment against hazardous contaminants and materials. This requires that Risk Assessments be completed as part of the RI/FS process.

Task 3:

The objective of this task is to negotiate a Federal Facility Agreement (FFA) between DOE, U.S. E.P.A., Regional Water Quality Control Board (RWQCB), California State Department of Health Services (DHS) and DTSC.